

Amendments to the Specification

Please cancel the Abstract and replace it with the following:

A method and system for reducing energy consumption of a display in a computer system. The method includes profiling screen usage patterns and the impact of the screen usage patterns on energy consumption by the display; deriving an energy model based on the screen usage patterns; determining when to control the display in order to decrease its energy consumption; determining which screen portions of the display and what display parameters to control based on the energy model; and for each portion of the display to be controlled, controlling its display parameters, wherein the screen portions are controlled to attain energy conservation.